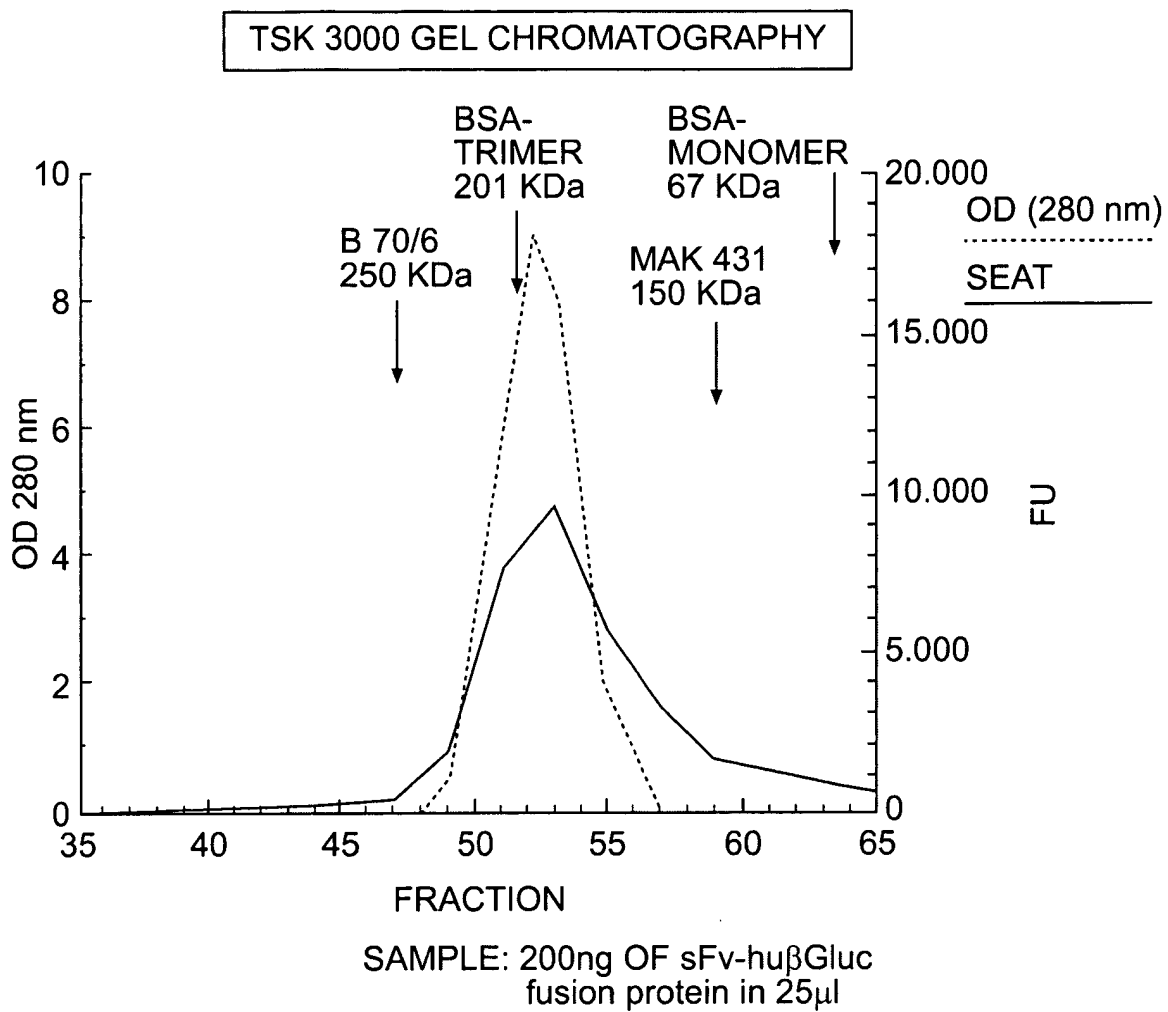




Replacement Sheet



**FIG. 1**

## Replacement Sheet

### pAB-Back:

5' ACC AGA AGC TTA TGA ATA TGC AAA TC 3' (SEQ ID NO:3)

### Linker-Anti:

5' GCC ACC CGA CCC ACC ACC GCC CGA TCC ACC GCC TCC TGA  
GGA GAC GGT GAC CGT GGT C 3' (SEQ ID NO:4)

### Linker-Sense:

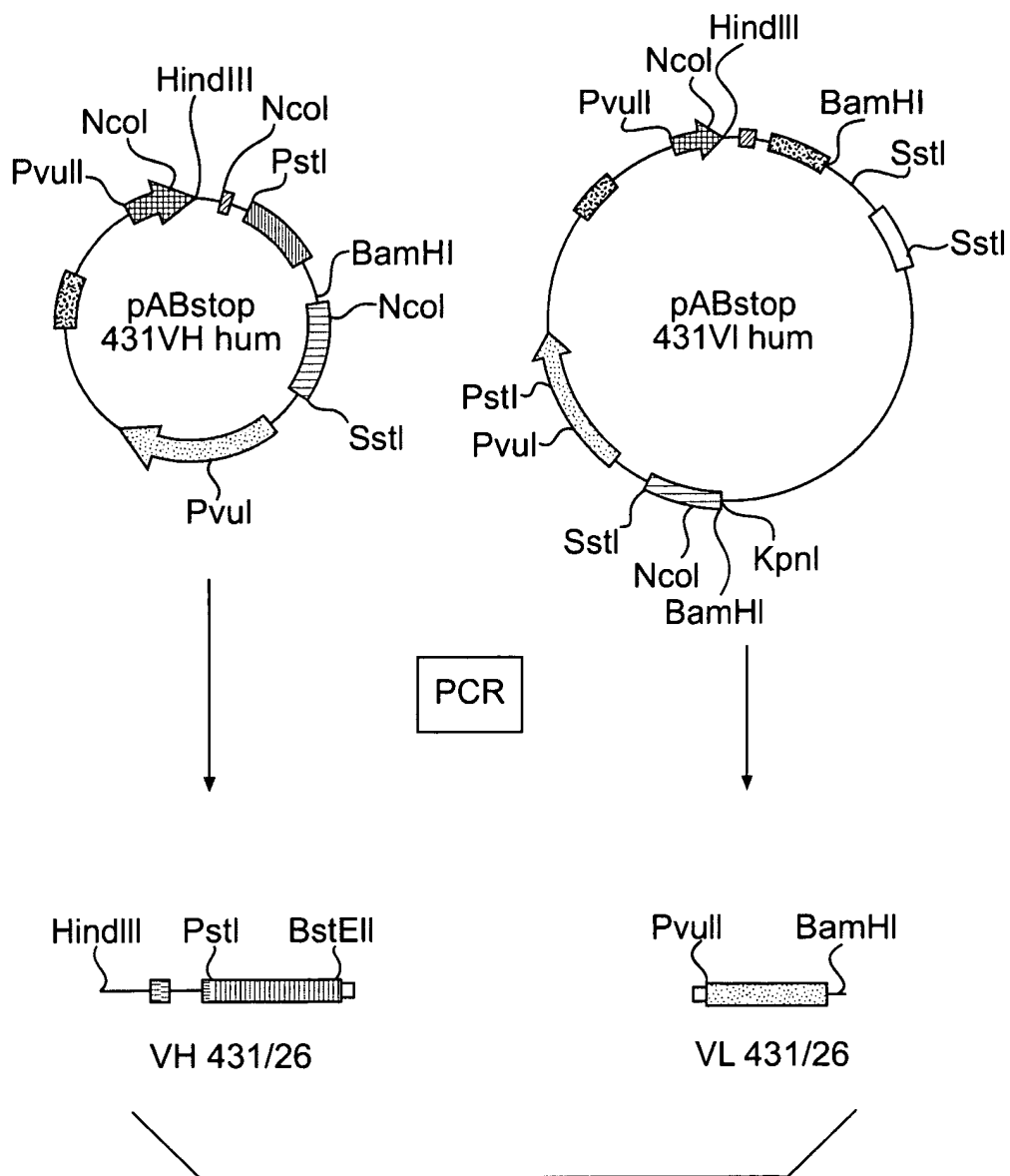
5' GGT GGA TCG GGC GGT GGT GGG TCG GGT GGC GGC GGA TCT  
GAC ATC CAG CTG ACC CAG AGC 3' (SEQ ID NO:5)

### V<sub>L(Mut)</sub>-For:

5' TGC AGG ATC CAA CTG AGG AAG CAA AGT TTA AAT TCT ACT  
CAC CTT TGA TC 3' (SEQ ID NO:6)

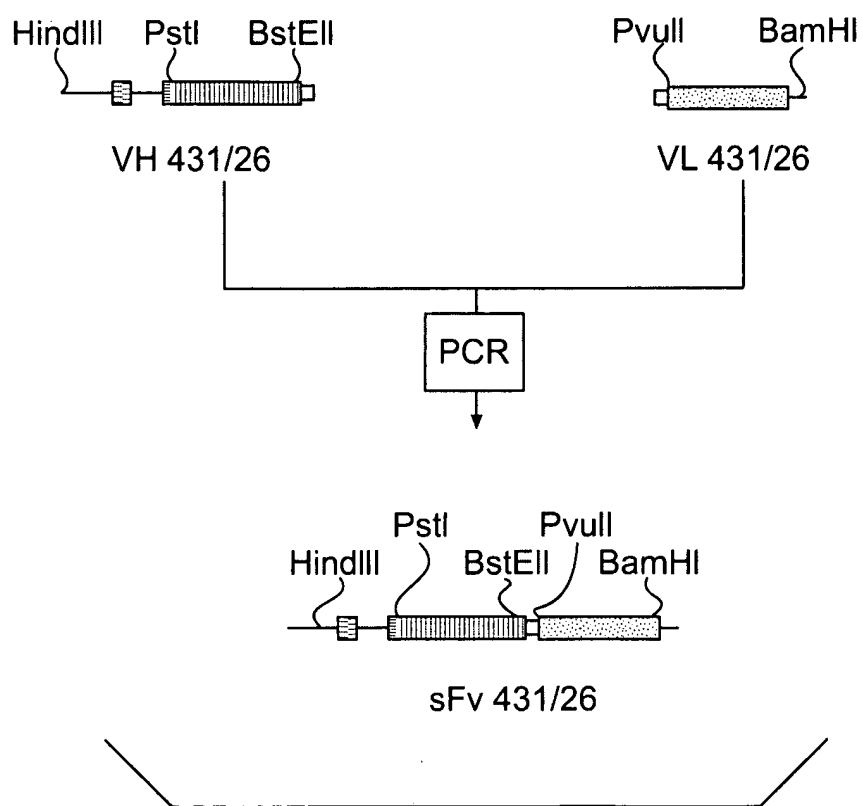
**FIG. 2**

Replacement Sheet



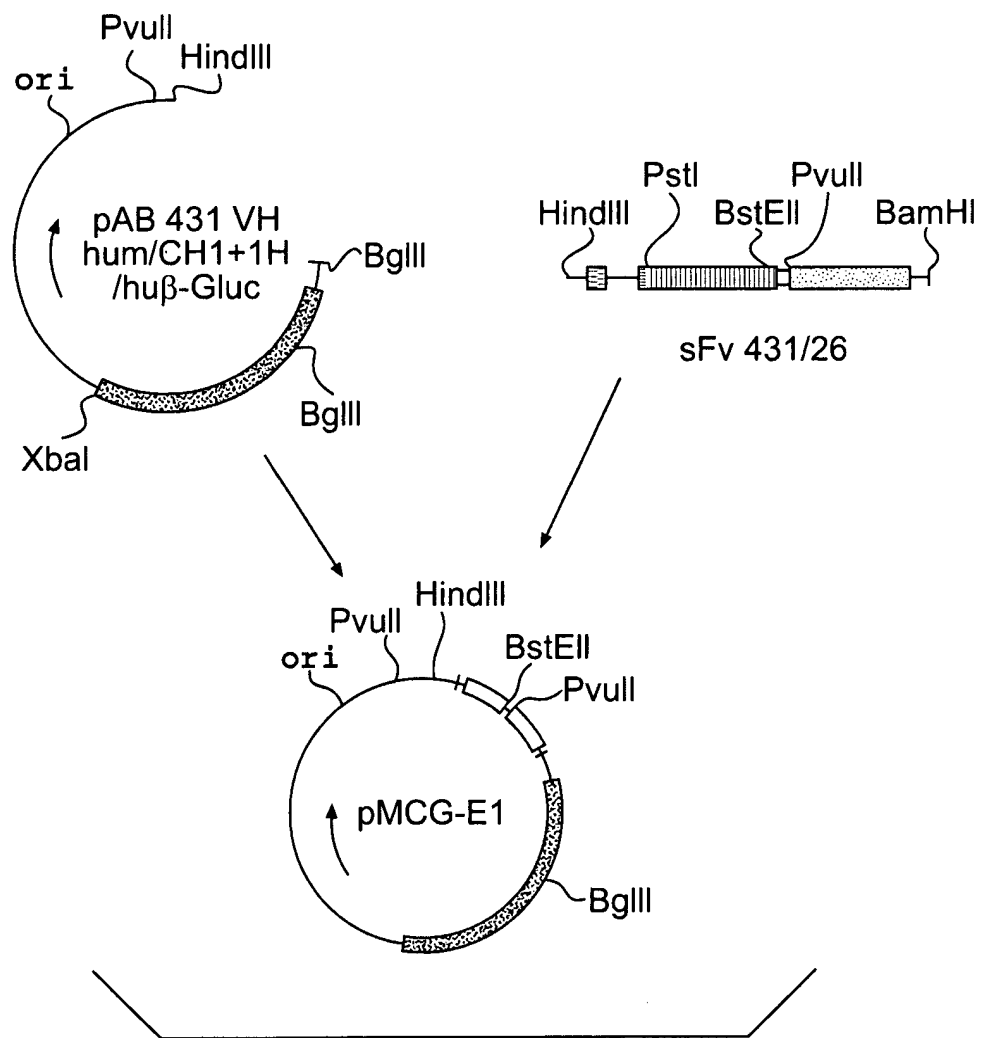
**FIG. 3**

Replacement Sheet



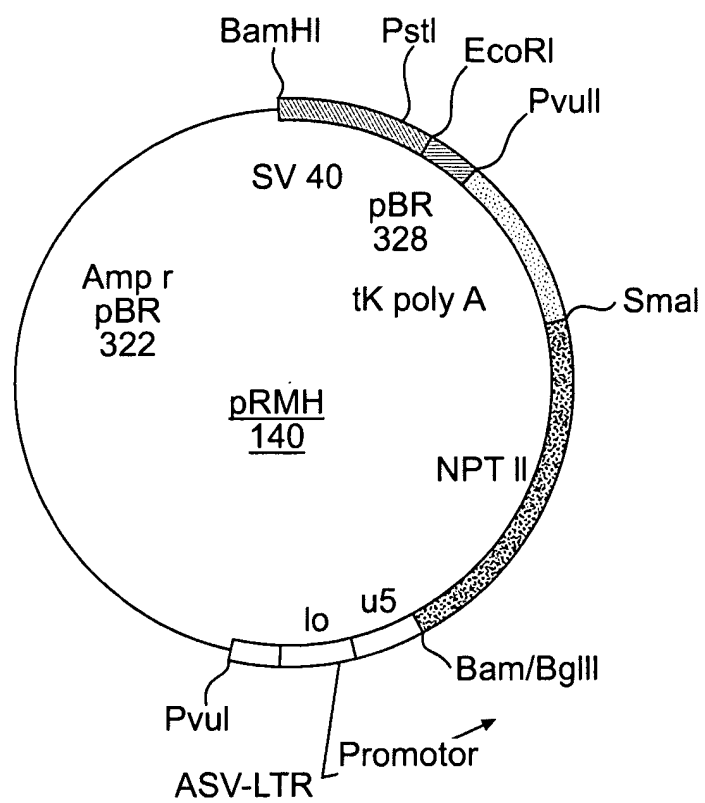
**FIG. 4**

Replacement Sheet



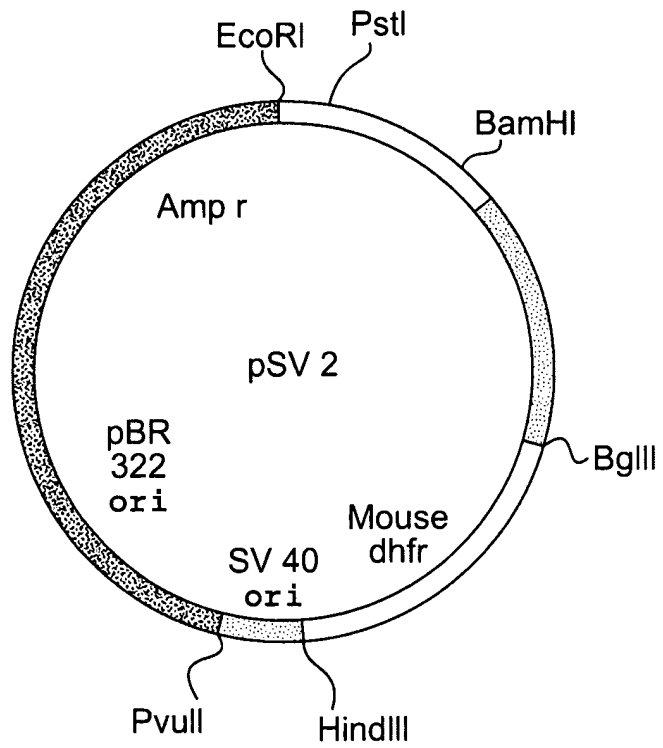
**FIG. 5**

Replacement Sheet



**FIG. 6**

Replacement Sheet



**FIG. 7**

## Replacement Sheet

### Oligos for sFv 431/26 cloning in pUC19

sFv for (2561)

5' TTT TTA AGC TTA GAT CTC CAC CTT GGT C 3'  
(SEQ ID NO:7)

sFv back (2577)

5' AAA AAT CTA GAA TGC AGG TCC AAC TGC AGG  
AGA G 3' (SEQ ID NO:8)

### Oligos for hum.β-Gluc cloning in sFv pUC19

Hum.β-Gluc. back oligo (2562)

5' AAA AAA GTC ATC AAA GCG TCT GGC GGG CCA CAG  
GGC GGC ATC CTG TAC 3' (SEQ ID NO:9)

Hum.β-Gluc. for oligo (2540)

5' TTT TAA GCT TCA AGT AAA CGG GCT GTT 3'  
(SEQ ID NO:10)

### Oligos for sFv/hum-β-Gluc cloning in sFv pIXY120

PCR oligo VHpIXY (2587)

5' TTT TGG TAC CTT TGG ATA AAA GAC AGG TCC AAC TGC AGG  
AGA G 3' (SEQ ID NO:11)

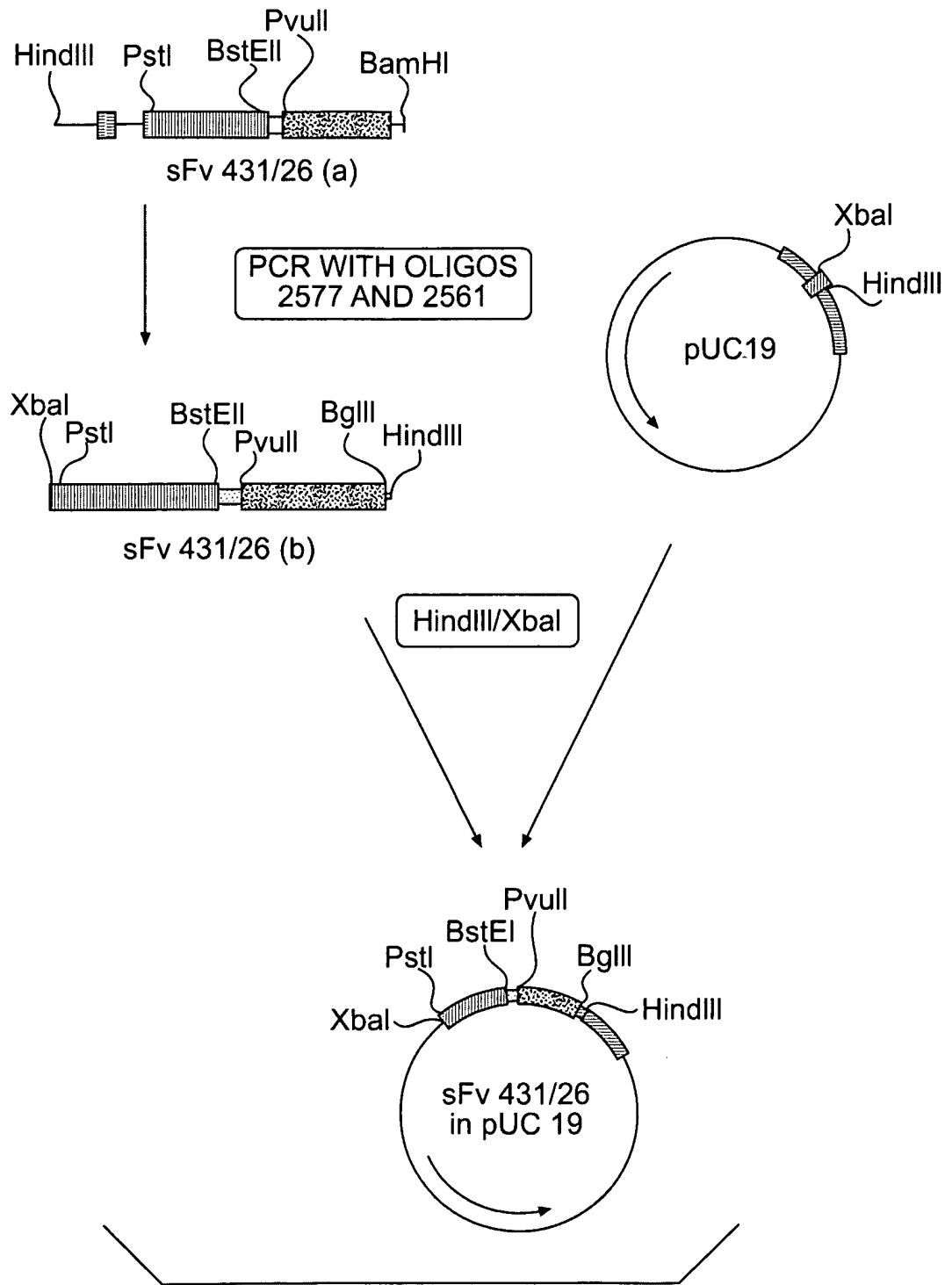
PCR oligo VKpIXY FOR (2627)

5' A AAA CCA TGG GAA TTC AAG CTT CGA GCT GGT ACT ACA  
GGT 3' (SEQ ID NO:12)

# FIG. 8

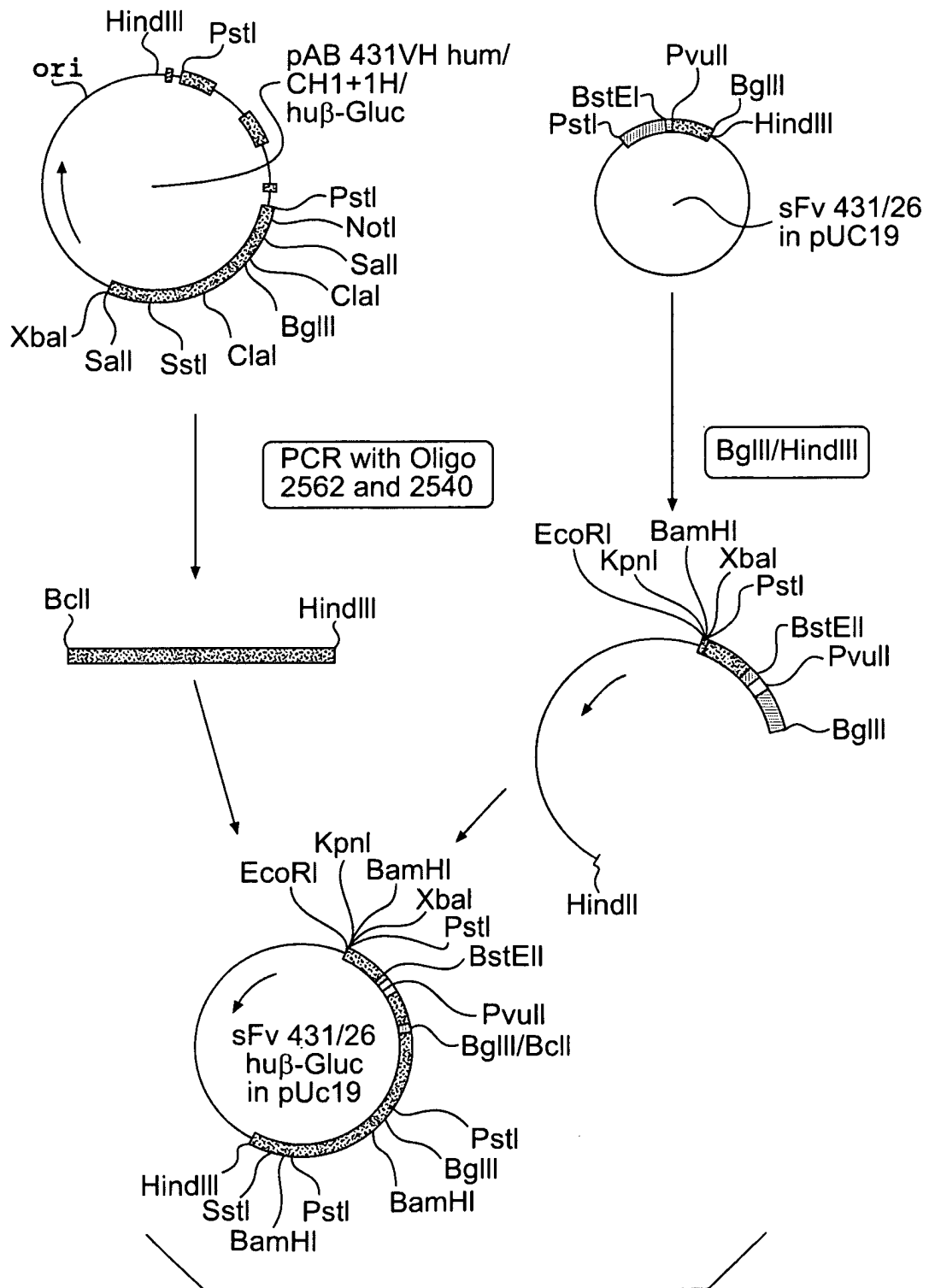


Replacement Sheet

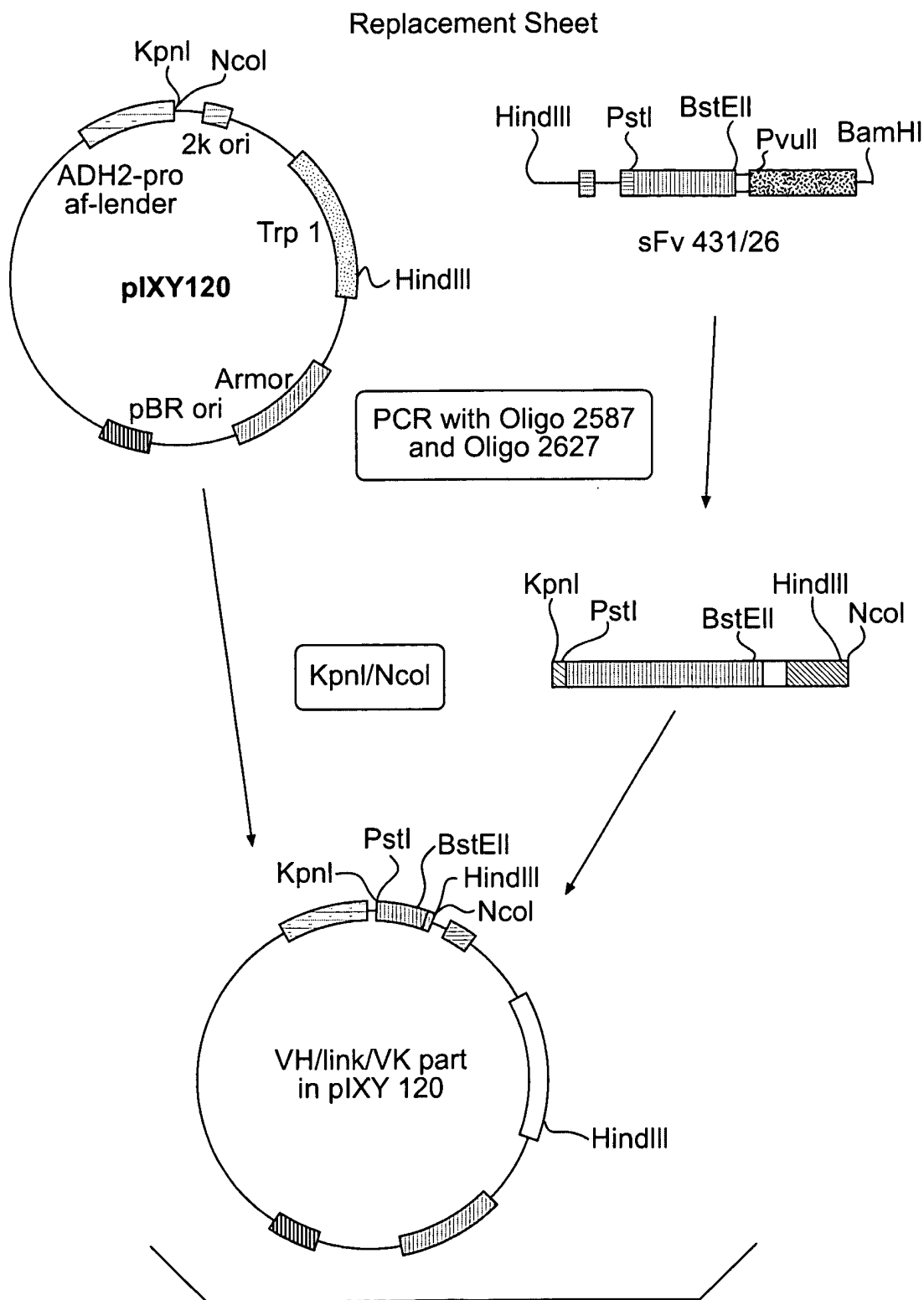


**FIG. 9**

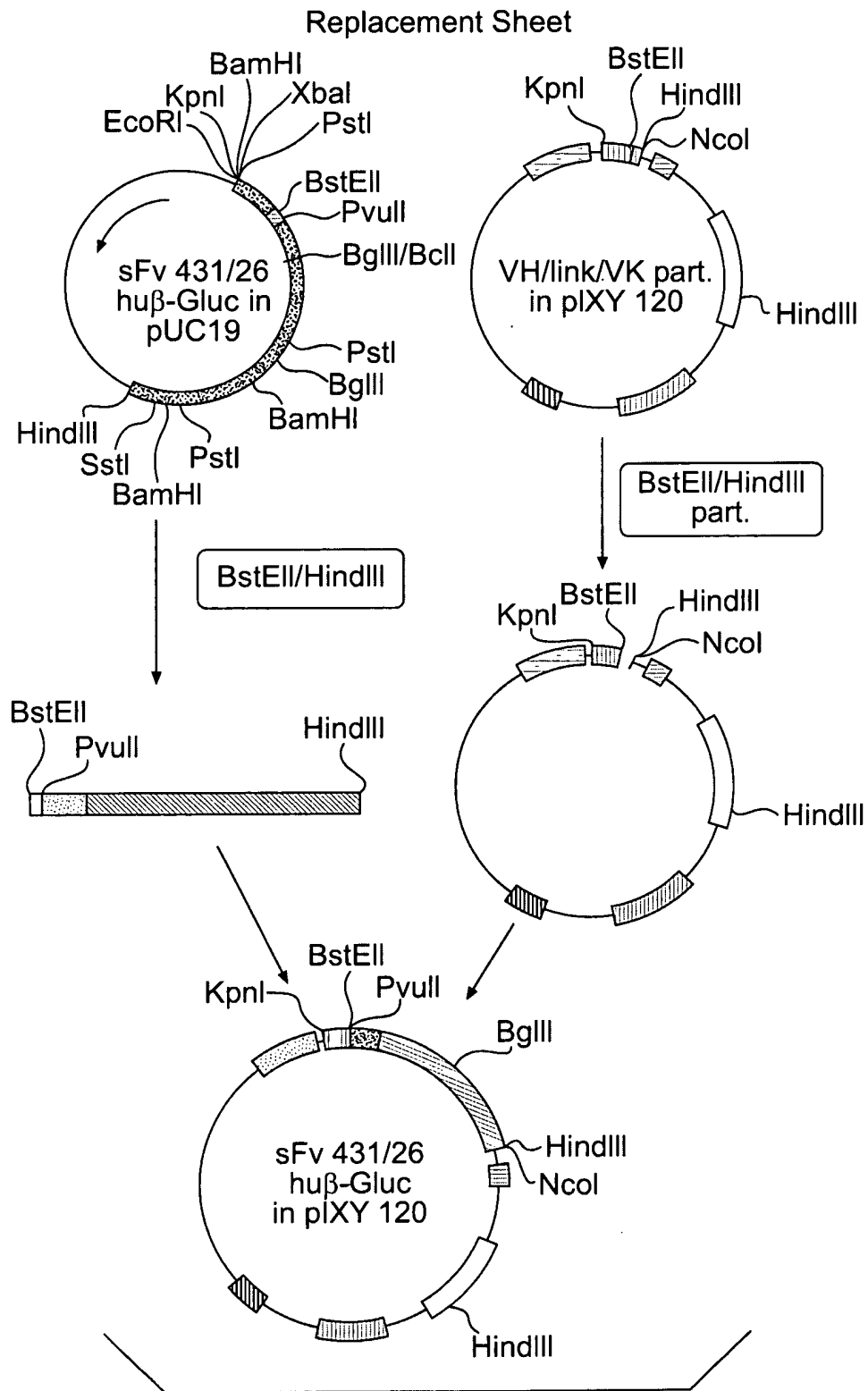
# Replacement Sheet



**FIG. 10**



**FIG. 11**



**FIG. 12**

## Replacement Sheet

OLIGOS FOR *E.coli*  $\beta$ -Gluc CLONING IN sFv pUC19

*E.coli*  $\beta$ -Gluc. FOR (2639)

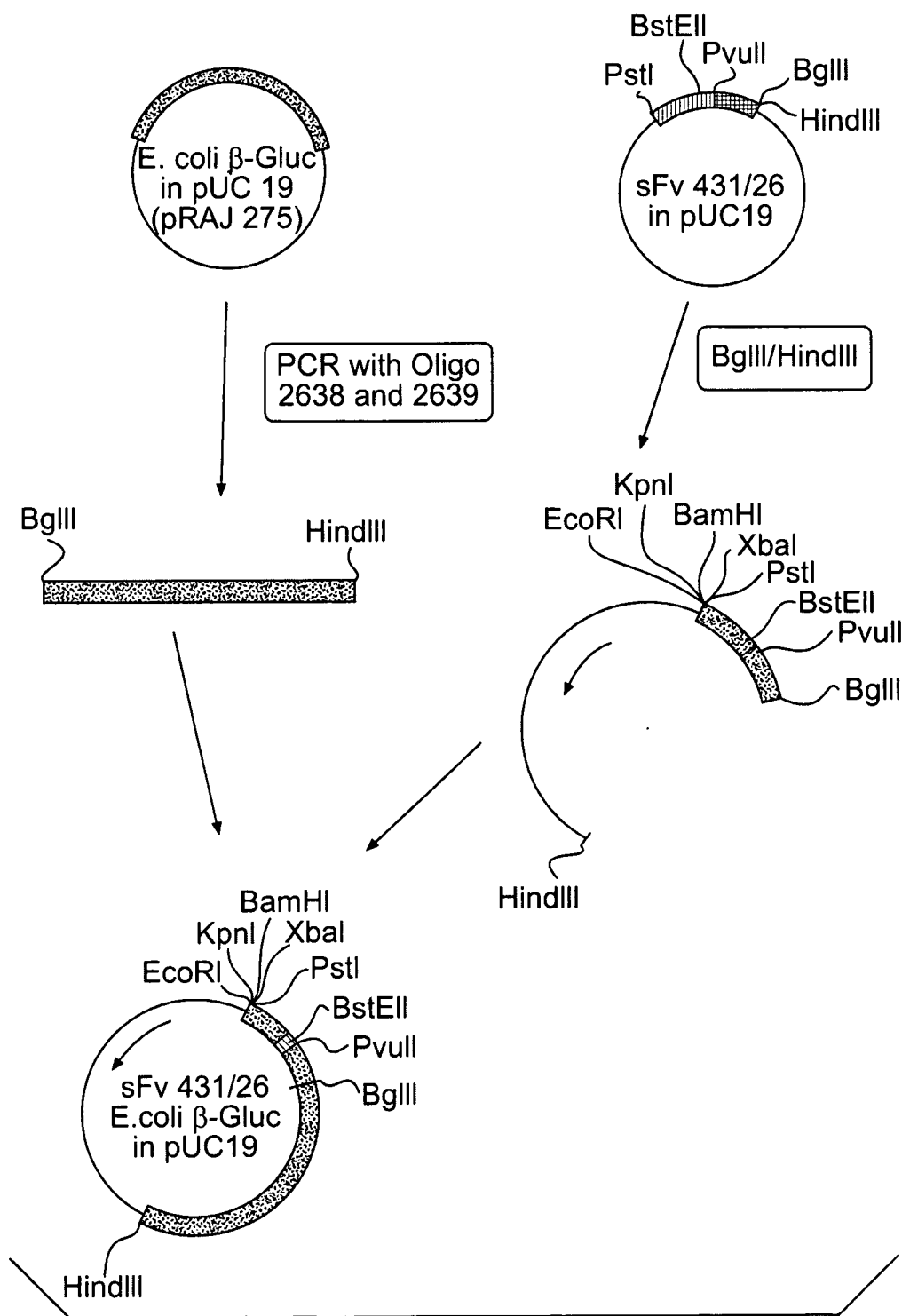
5' TTT TAA GCT TCC ATG GCG GCC GCT CAT TGT TTG  
CCT CCC TGC TG 3' (SEQ ID NO:13)

*E.coli*  $\beta$ -Gluc. BACK (2638)

5' AAA AAG ATC TCC GCG TCT GGC GGG CCA CAG TTA  
CGT GTA GAA ACC CCA 3' (SEQ ID NO:14)

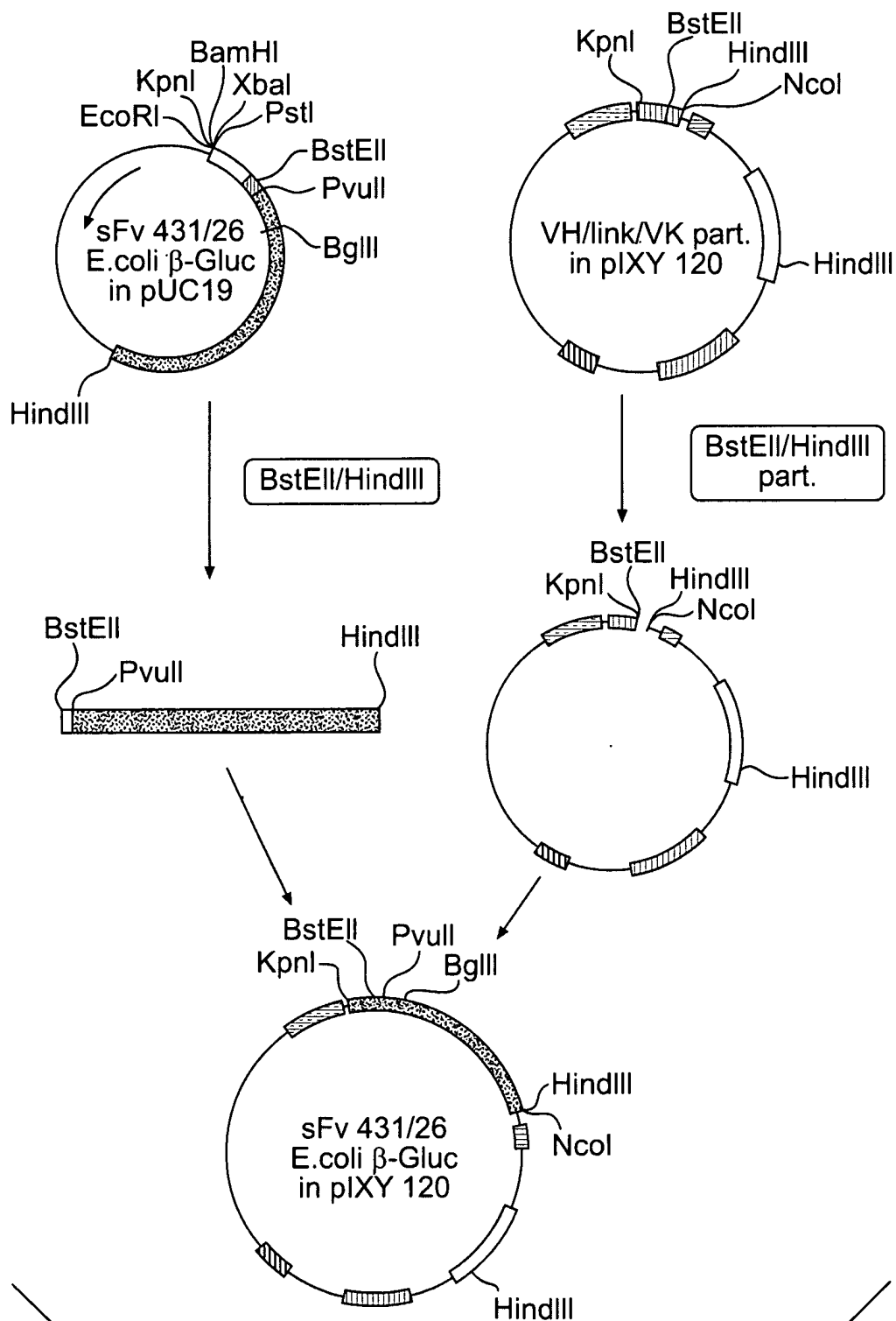
**FIG. 13**

# Replacement Sheet



**FIG. 14**

# Replacement Sheet



**FIG. 15**

## Replacement Sheet

### Oligos FOR sFv/ $\beta$ -lactamase CLONING IN pIXY120

PCR oligo VHpIXY BACK (2587)

5' TTT TGG TAC CTT TGG ATA AAA GAC AGG TCC AAC TGC AGG  
AGA G 3' (SEQ ID NO:15)

PCR oligo VKpIXY/ $\beta$ -lactamase for (2669)

5' AAA AAG CTT AGA TCT CCA GCT TGG TCC C 3'  
(SEQ ID NO:16)

PCR oligo link/ $\beta$ -lactamase back (2673)

5' AAA GAA TTC TGA TCA AAT CCT CGA GCT CAG GTT CAC  
AAA AGG TAG AGA AAA CAG T 3' linker (SEQ ID NO:17)

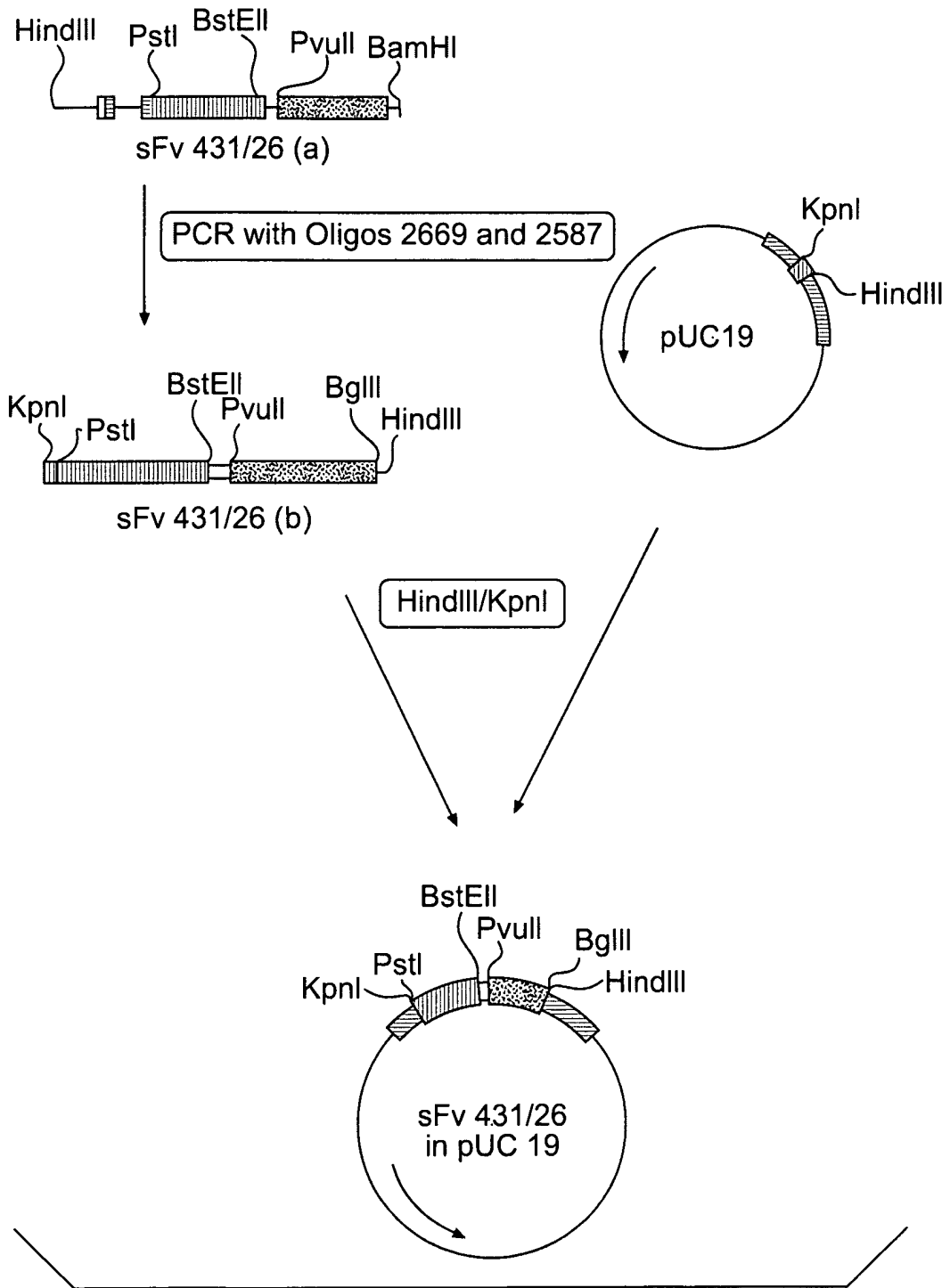
PCR oligo  $\beta$ -lactamase for (2674)

5' TTT AAG CTT ATT TTA ATA AAT CCA ATG T 3'  
(SEQ ID NO:18)

# **FIG. 16**

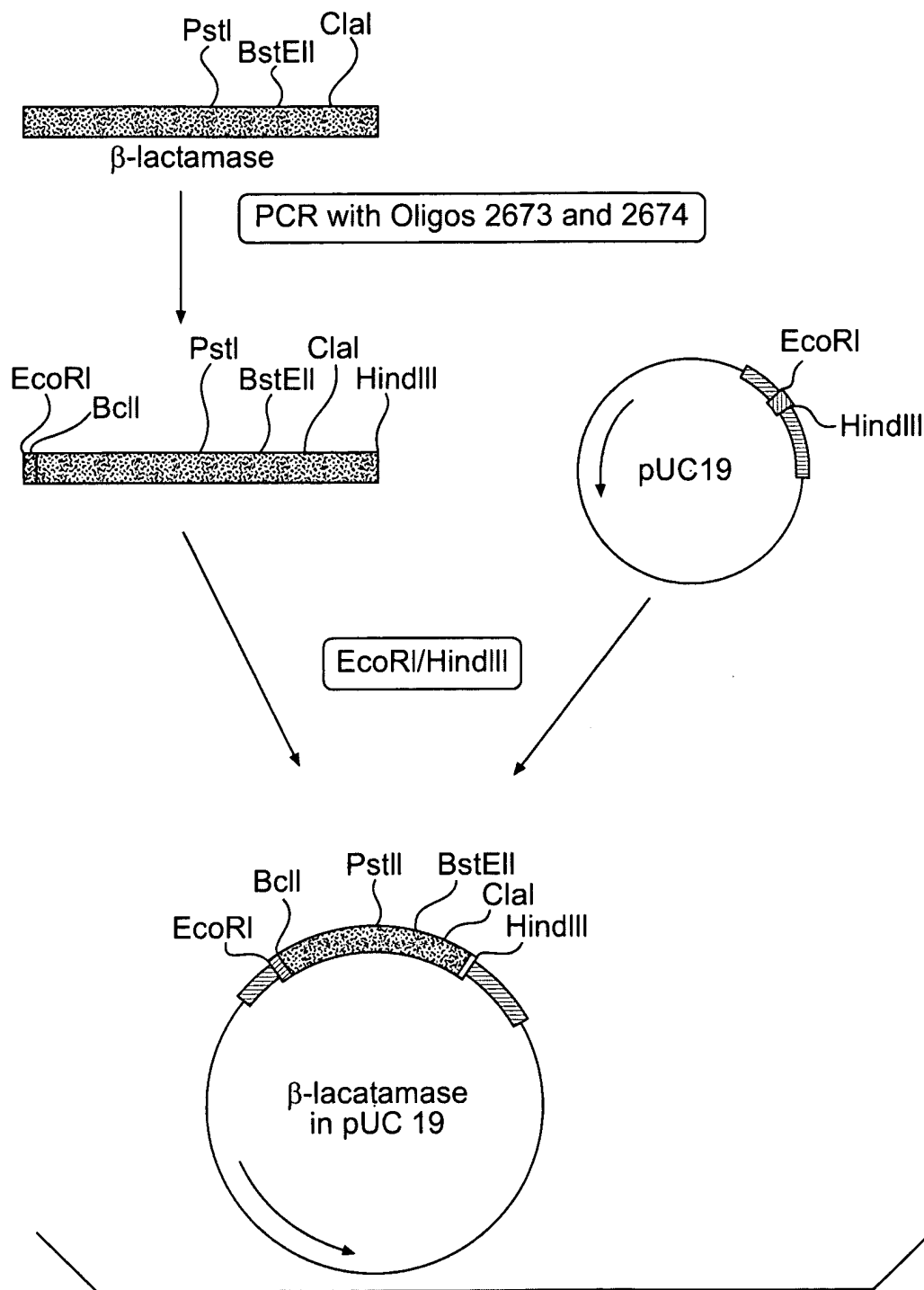


Replacement Sheet



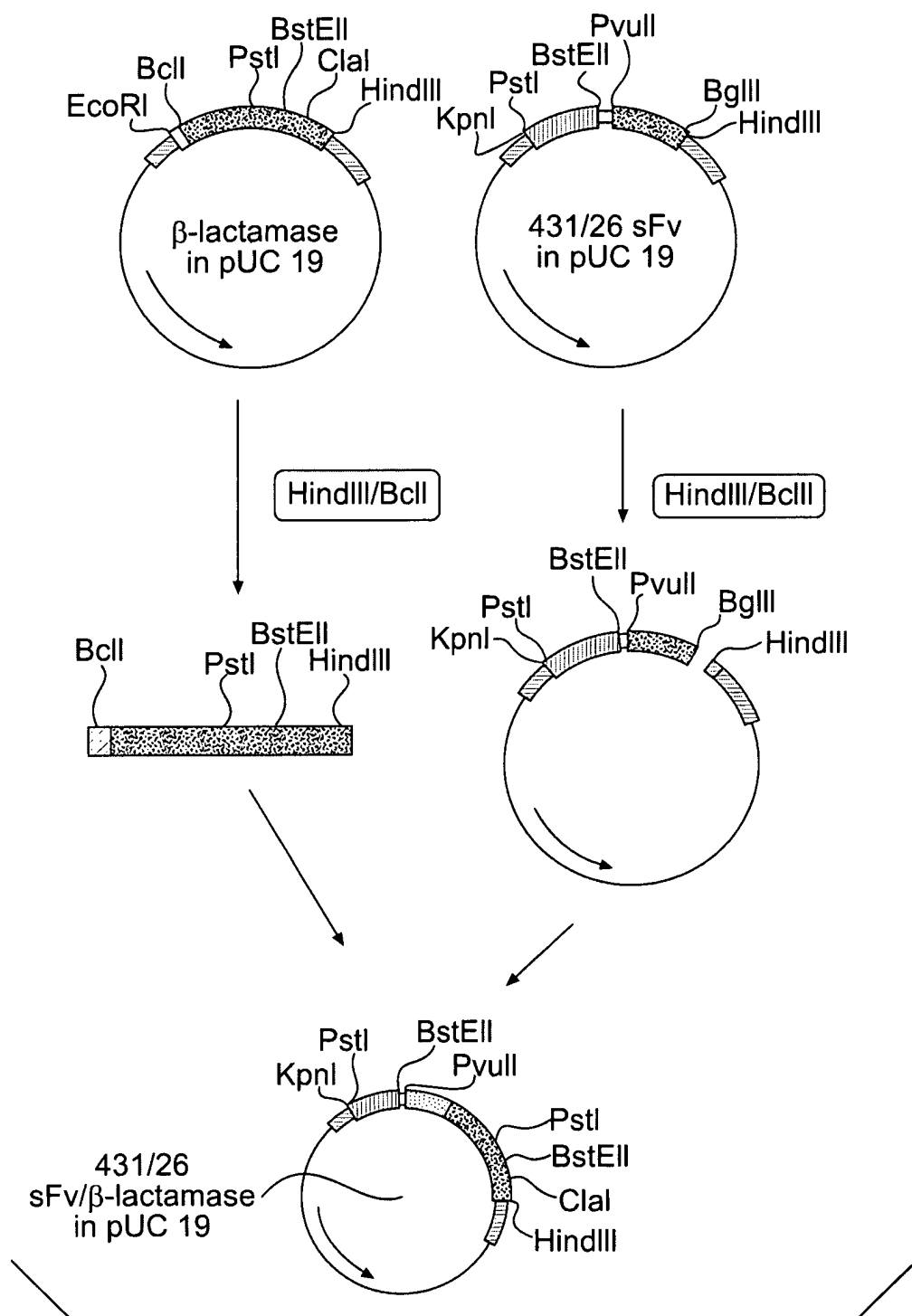
**FIG. 17**

Replacement Sheet



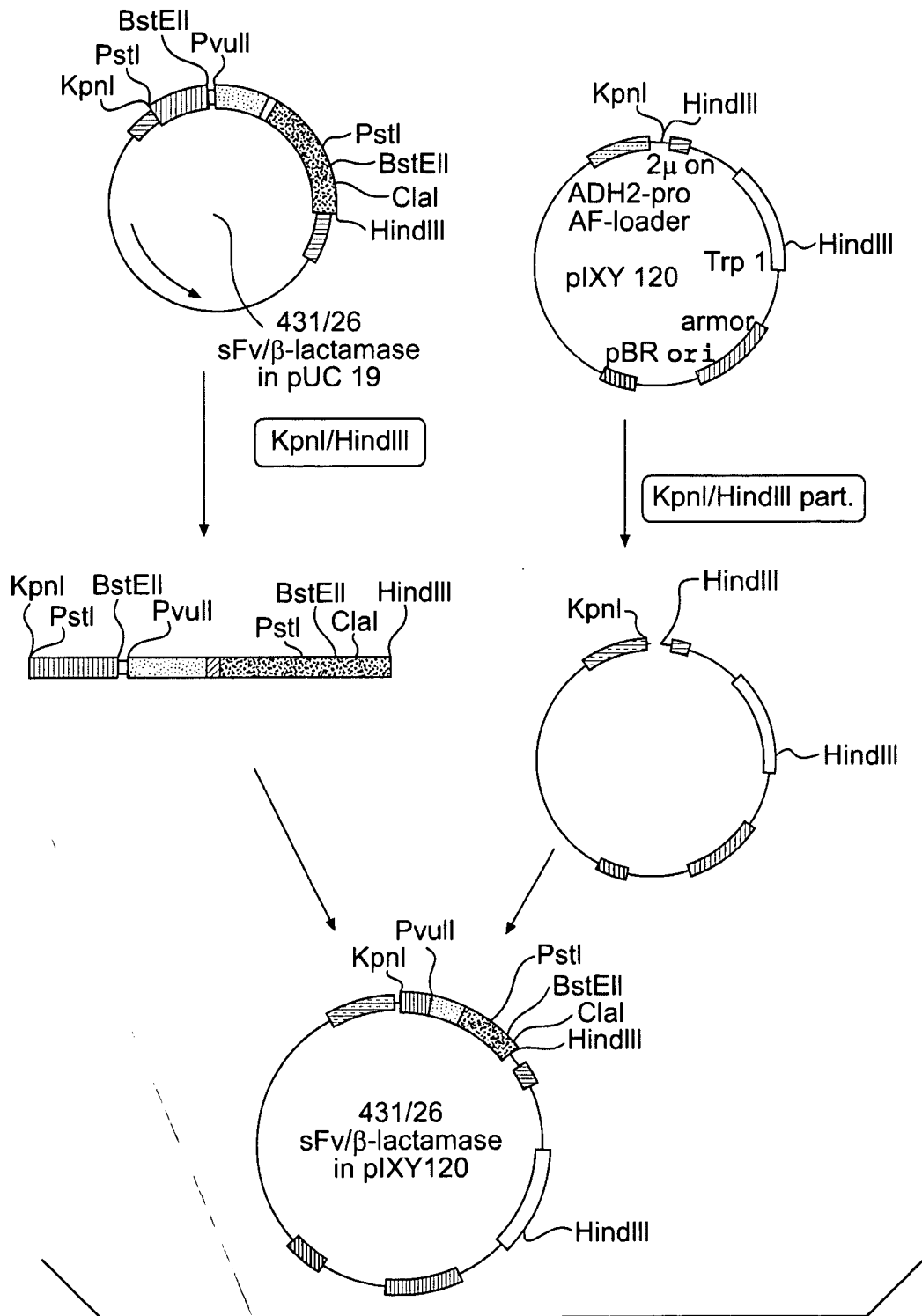
**FIG. 18**

# Replacement Sheet



**FIG. 19**

# Replacement Sheet



**FIG. 20**